

IN THE CLAIMS:

Please cancel Claims 3, 4, 9 and 11-16 without prejudice to or disclaimer of the subject matter contained therein.

Please amend Claims 1, 5 and 7 and add new Claims 17-19 as follows.

1. (Currently Amended) A process cartridge detachably mountable to a main body of an electrophotographic image forming apparatus having a guide member, comprising:

a cartridge frame;

an electrophotographic photosensitive drum;

a process ~~means~~ unit acting on the electrophotographic photosensitive drum; and

a projecting portion ~~which is provided~~ in the cartridge frame, ~~and,~~

wherein, when ~~the~~ said process cartridge is mounted to the main body of the electrophotographic image forming apparatus, said projecting portion is guided ~~to~~ by the guide member to guide ~~the~~ said process cartridge in a mounting direction in which ~~the~~ said process cartridge is mounted to the main body of the electrophotographic image forming apparatus,

wherein, when ~~the~~ said process cartridge is mounted to the main body of ~~the~~ an electrophotographic image forming apparatus which ~~is conformable in~~ conforms to functions of ~~the~~ said process cartridge, ~~the~~ said projecting portion allows ~~the~~ said process cartridge to be ~~insert~~ inserted in the main body of the electrophotographic image forming apparatus that conforms to the functions of said process cartridge, and,

wherein, when ~~the~~ said process cartridge is mounted to a main body of an electrophotographic image forming apparatus which ~~is unconformable in~~ does not conform to the

functions of ~~the~~ said process cartridge and ~~having~~ has different functions, ~~the~~ said projecting portion abuts against a main body frame ~~provided~~ in the main body of the electrophotographic image forming apparatus having the different functions to prevent mounting of ~~the~~ said process cartridge,

wherein said projecting portion is provided so as to project downward from said cartridge frame, and when said process cartridge is withdrawn from the main body of the electrophotographic image forming apparatus to be mounted on a mounting surface, said projecting portion maintains a stable posture of said process cartridge.

2. (Currently Amended) A process cartridge according to claim 1,

wherein ~~the~~ said projecting portion comprises:

a first projecting portion ~~which is~~ provided on one end side of ~~the~~ said cartridge frame in a longitudinal direction of ~~the~~ said process cartridge and, when ~~the~~ said process cartridge is mounted to the main body of the electrophotographic image forming apparatus, said first projecting portion abuts against the guide member; and

a second projecting portion ~~which is~~ provided on ~~the other~~ another end side of ~~the~~ said cartridge frame in the longitudinal direction and, when ~~the~~ said process cartridge is mounted to the main body of the electrophotographic image forming apparatus, said second projecting portion abuts against the guide member, and

wherein, when ~~the~~ said process cartridge is mounted to the main body of the electrophotographic image forming apparatus which is ~~unconformable in~~ does not conform to the functions of the process cartridge and ~~having~~ has different functions, at least one of ~~the~~ said first

projecting portion and ~~the~~ said second projecting portion abuts against the main body frame ~~provided~~ in the main body of the electrophotographic image forming apparatus having the different functions to prevent ~~the~~ said process cartridge from being mounted thereto.

3-4. (Cancelled)

5. (Currently Amended) An electrophotographic image forming apparatus for forming an image on a recording medium, ~~therein~~ wherein a process cartridge is detachably mountable to a main body of ~~the~~ said electrophotographic image forming apparatus, ~~the~~ said electrophotographic image forming apparatus, comprising:

(i) a guide member;

(ii) a mounting means unit for which is configured and positioned to detachably mounting mount the process cartridge, the process cartridge comprising: a cartridge frame; an electrophotographic photosensitive drum; a process means unit acting on the electrophotographic photosensitive drum; and a projecting portion which is provided in the cartridge frame and, when the process cartridge is mounted to the main body of ~~the~~ said electrophotographic image forming apparatus, the projecting portion is guided ~~to by~~ by the said guide member to guide the process cartridge in a mounting direction in which the process cartridge is mounted to the main body of ~~the~~ said electrophotographic image forming apparatus, wherein~~[[:]~~, when the process cartridge is mounted to the main body of ~~the~~ an electrophotographic image forming apparatus which is ~~conformable in~~ conforms to functions of the process cartridge, the projecting portion allows the process cartridge to be insert inserted in the main body of the electrophotographic image forming

apparatus conforming to the functions of the process cartridge and, when the process cartridge is mounted to a main body of an electrophotographic image forming apparatus which is ~~unconformable in~~ does not conform to the functions of the process cartridge and ~~having~~ has different functions, the projecting portion abuts against a main body frame provided in the main body of the electrophotographic image forming apparatus having the different functions to prevent mounting of the process cartridge, the projecting portion being provided so as to project downward from the cartridge frame, and

when the process cartridge is withdrawn from the main body of said electrophotographic image forming apparatus to be mounted on a mounting surface, the projecting portion and said main body maintain a stable posture of the process cartridge; and

(iii) a conveying means unit which conveys the recording medium.

6. (Currently Amended) An electrophotographic image forming apparatus according to claim 5,

wherein the electrophotographic image forming apparatus that conforms to the functions of the process cartridge is different from the electrophotographic image forming apparatus having the different functions in a the speed for forming an image on the recording medium.

7. (Currently Amended) A process cartridge mounting system which detachably mounts a process cartridge to an electrophotographic image forming apparatus, wherein a main body of the electrophotographic image forming apparatus comprises a guide member,

said mounting system comprising a mounting unit configured and positioned to mount the process cartridge to the electrophotographic image forming apparatus, the process cartridge comprises: a comprising a cartridge frame, an frame; an electrophotographic photosensitive drum, drum; a process ~~means~~ unit acting on the electrophotographic photosensitive drum, and a drum; ~~and~~ a projecting portion ~~which is~~ provided in the cartridge frame and, when said mounting unit mounts the process cartridge ~~is mounted~~ to the main body of the electrophotographic image forming apparatus, the projecting portion is guided ~~to~~ by the guide member to guide the process cartridge in a mounting direction in which the process cartridge is mounted to the main body of the electrophotographic image forming apparatus, wherein: when the process cartridge is mounted to a main body of an electrophotographic image forming apparatus which does not conform to ~~is unconformable in~~ functions of the process cartridge and ~~having~~ has different functions therefrom, the projecting portion abuts against a main body frame provided in the main body of the electrophotographic image forming apparatus having the different functions to prevent mounting of the process cartridge, the projecting portion being provided so as to project downward from the cartridge frame, and when the process cartridge is withdrawn from the main body of the electrophotographic image forming apparatus to be mounted on a mounting surface, the projecting portion maintains a stable posture of the process cartridge,

when the process cartridge is mounted to the main body of ~~the~~ an electrophotographic image forming apparatus which ~~is unconformable in~~ does not conform to functions of the process cartridge and ~~having~~ has different functions, the main body frame ~~provided~~ in the main body of the electrophotographic image forming apparatus having the different functions and the projecting portion ~~abuts~~ abut against each other to prevent mounting of the process cartridge, and

when the process cartridge is mounted to the main body of the electrophotographic image forming apparatus which ~~is conformable in~~ conforms to the functions of the process cartridge, the projecting portion ~~are~~ is guided in the mounting direction by the guide member, and the process cartridge is mounted to the main body of the electrophotographic image forming apparatus which conforms to the functions of the process cartridge by said mounting means unit.

8. (Currently Amended) A process cartridge mounting system according to claim 7, wherein the projecting portion comprises:

a first projecting portion which is provided on one end side of the cartridge frame in a longitudinal direction of the process cartridge and, when said mounting unit mounts the process cartridge ~~is mounted~~ to the main body of the electrophotographic image forming apparatus, the first projecting portion abuts against the guide member; and

a second projecting portion which is provided on ~~the other~~ another end side of the cartridge frame in the longitudinal direction and, when said mounting unit mounts the process cartridge ~~is mounted~~ to the main body of the electrophotographic image forming apparatus, the second projecting portion abuts against the guide member, and

wherein, when the process cartridge is mounted to the main body of the electrophotographic image forming apparatus which ~~is unconformable in~~ does not conform to the functions of the process cartridge and ~~having~~ has different functions, at least one of the first projecting portion and the second projecting portion abuts against the main body frame provided in the main body of the electrophotographic image forming apparatus having the different functions to prevent the process cartridge from being mounted thereto.

9. (Cancelled)

10. (Currently Amended) A process cartridge mounting system according to claim 7 or 8,

wherein the electrophotographic image forming apparatus that conforms to the functions of the process cartridge is different from the electrophotographic image forming apparatus having the different functions in a the speed for forming an image on recording medium.

11-16. (Cancelled)

17. (New) A process cartridge detachably mountable to a main body of an electrophotographic image forming apparatus having a guide member, comprising:

an electrophotographic photosensitive drum;

a developing roller configured and positioned to develop an electrostatic latent image formed on said electrophotographic photosensitive drum;

a cleaning frame configured and positioned to support said electrophotographic photosensitive drum;

a toner development frame configured and positioned to support said developing roller;  
and

a holder member which is provided at one longitudinal end of said process cartridge and connects said cleaning frame and said toner development frame,

wherein said holder member has a projecting portion,

wherein, when said process cartridge is withdrawn from the main body of the electrophotographic image forming apparatus to be mounted on a mounting surface, said projecting portion maintains a stable posture of said process cartridge,

wherein, when said process cartridge is mounted to the main body of the electrophotographic image forming apparatus, said projecting portion is guided by the guide member to guide said process cartridge, and

wherein, when said process cartridge is mounted to a main body of an electrophotographic image forming apparatus which does not conform to the functions of the process cartridge and has different functions therefrom, said projecting portion abuts against a main body frame provided in the main body of the electrophotographic image forming apparatus having different functions at a position such that an open/close cover, which closes an opening provided in the main body of the electrophotographic image forming apparatus having different functions, cannot close, to prevent said process cartridge from being inserted into the opening in the main body of the electrophotographic image forming apparatus having the different functions.

18. (New) A process cartridge according to claim 17, wherein said holder member is provided at an one longitudinal end and the other longitudinal end of said process cartridge.

19. (New) An electrophotographic image forming apparatus for forming an image on a recording medium, comprising:

(i) a guide member;



(ii) mounting means for detachably mounting a process cartridge, the process cartridge comprising an electrophotographic photosensitive drum, a developing roller developing an electrostatic latent image formed on the electrophotographic photosensitive drum, a cleaning frame supporting the electrophotographic photosensitive drum, a toner development frame supporting the developing roller, and a holder member which is provided at one longitudinal end of the process cartridge and connects the cleaning frame and the toner development frame, wherein the holder member has a projecting portion, wherein, when the process cartridge is withdrawn from the main body of said electrophotographic image forming apparatus to be mounted on a mounting surface, the projecting portion maintains a stable posture of the process cartridge, wherein, when said mounting means mounts the process cartridge to the main body of said electrophotographic image forming apparatus, the projecting portion is guided by the guide member to guide the process cartridge, and wherein when the process cartridge is mounted to a main body of an electrophotographic image forming apparatus which does not conform to functions of the process cartridge and has different functions therefrom, the projecting portion abuts against a main body frame provided in the main body of the electrophotographic image forming apparatus having the different functions at a position such that an open/close cover, which closes an opening provided in the main body of the electrophotographic image forming apparatus having different functions, cannot close, to prevent the process cartridge from being inserted into the opening in the main body of the electrophotographic image forming apparatus having the different functions; and

(iii) conveying means for conveying the recording medium.